



**National
Aeronautical
Laboratory**

Documentation Sheet

Document Classification
Restricted

Title : Analysis of a Cantilivered
Cylindrical Squeeze Film
Damper

Document No.
PD ST 9048

Date of issue: Dec 90

Author(s) : N.G.Vijaya Vittala
P.Rajagopal
B.S.Madhusudan

Contents
Pages 6
Figs 16

Division : Structures Division

No. of copies: 10

External participation : GTRE, Bangalore

NAL Project No.
ST-8-122

Sponsor :

Sponsor's Project No.

Approval : Head, Structures Division

C. Phat
16-4-91

Remarks :

Keywords : Oil Film Damper, Squeeze Film Damper

Abstract : The static stiffness, Stress distribution and deflection levels of a cantilivered cylindrical squeeze film damper of a given configuration under a given load condition and constraints is analysed using NASTRAN.